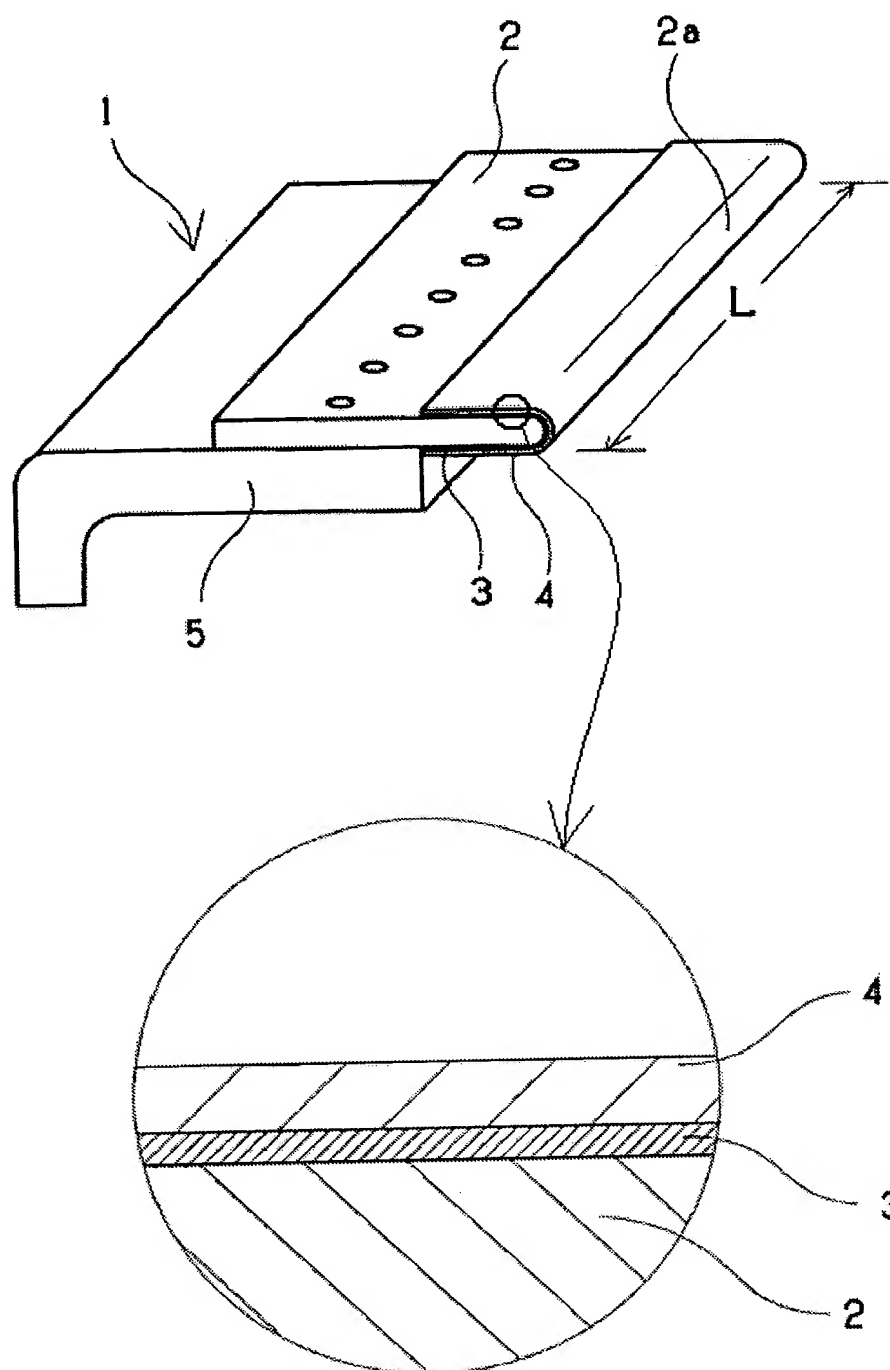


Fig. 3

GROUP 1700

APR 30 2003

RECEIVED

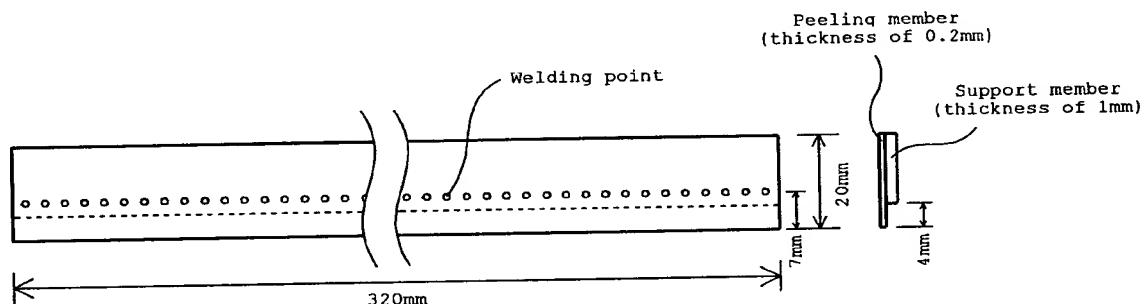


Attached sheet :  
 Test results of laser spot welding

1. YAG laser spot welding experiment was worked by Masaaki OHASHI of inventor.

2. The peeling sheet was adhered to the support member by electrical welding, CO<sub>2</sub> laser welding and YAG laser spot welding as shown Fig.1. Horizontal straightness in the direction of X and Y were measured.

3. Table 1 shows the test results. YAG laser spot welding showed excellent result.



	Kinds of spot welding		
	Electrical welding	CO <sub>2</sub> laser welding	YAG laser welding
Horizontal straightness to X direction	0.30	0.15	0.08
Horizontal straightness to Y direction	1.50	0.52	0.15